PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/074,598	
Filing Date	02/11/2002	
First Named Inventor	Richardson et al	
Group Art Unit	2855	
Examiner Name	M. H. Noori	
Attorney Docket Number	B-106	

Total Number of Pages in This Submission 7				
ENCLOSURES (check all that apply)				
Fee Transmittal Form Fee Attached Amendment / Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s)	Assignment Papers (for an Application) Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below): Return Receipt Postcard		
Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53		FEB 2 0 2004		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT				
Signature Stephen R. Christian Registration No.: 32,687				
Date 27 JAN 2004				
CERTIFICATE OF MAILING				
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:				
Typed or printed name Mandy Lar	ndon	V		
Signature 300	ndu trude	1/27/41		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Date



In re Application of:

Richardson et al.

Serial No.: 10/074,598

Filed: February 11, 2002

For: NETWORK AND TOPOLOGY FOR **IDENTIFYING, LOCATING AND** QUANTIFYING PHYSICAL PHENOMENA, SYSTEMS AND METHODS FOR EMPLOYING THE SAME

Examiner: M. H. Noori

Group Art Unit: 2855

Attorney Docket No.: B-106

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, CA 22313-1450.

Signature of registered p having reasonable basis to expect mailing to occur on date of deposit shown pursuant to 37 C.F.R. § 1.8(a)(1)(ii)

contained above

RESPONSE PURSUANT TO 37 CFR § 1.111

Box Non Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

RESPONSE TO RESTRICTION REQUIREMENT

This is in response to the Office Action mailed Janiary 7, 2004, wherein a restriction requirement was issued by the Office requiring Applicants to elect between claims 1-40 drawn to a system for monitoring a structure, classified in class 73, subclass 6804 (group I), claims 41-47, drawn to a structure with plurality of conductor, classified in class 343 (group II) and claims 48-53 drawn to

pipeline, classified in class 406 (group III). Applicants hereby elect group I (claims 1-40) for examination without traverse.

CONCLUSION

Should there be any issues outstanding, the Examiner is cordially invited to contact Applicants' attorney by telephone to resolve any such issues in a timely manner.

Date: 27 JAN 2004

RESPECTFULLY SUBMITTED,

By A

Stephen R. Christian Reg. No. 32,687

P.O. Box 1625

Idaho Falls, Idaho 83415-3899

(208) 526-9140

S/N: 10/074,598